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CLOWN RURAL DISTRICT COUNCIL.



Health Report

for the Year 1939.

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1939.

ANNUAL REPORT

OF THE

Medical Officer of Health

TO THE

Clown Rural District Council

for the Year 1939.

Printed by Order of the Council.

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.,
Medical Officer of Health.

STAFF.

Medical Officer of Health:

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.

District Sanitary Inspector and Surveyor

W. J. GALLAGHER, M.S.I.A., C.R.S.I.

Asst. Sanitary Inspector:

J. F. TURNER.

PREFACE.

TO THE CHAIRMAN AND MEMBERS OF THE
CLOWN RURAL DISTRICT COUNCIL.

MRS. WOOD AND GENTLEMEN,

I beg to present my 10th Annual Report, which has been arranged in accordance with Article 14 (3) of the Sanitary Officers Order, 1926, on the Public Health of the District.

The outbreak of War in September seriously dislocated the Public Health Services and work in connection with A.R.P., and Evacuation had to take precedence. Fortunately the Slum Clearance plans had been practically completed and also the modernization of the main Sewage Works, but it is regrettable that the conversion schemes had to be stopped.

I take this opportunity of thanking the Members of the Council for their support, and also Mr. Gallagher and Mr. Turner for their energetic work during a period of exceptional stress.

I am,

Your obedient Servant,

A. H. WEAR,

Medical Officer of Health.

STATISTICS OF THE AREA.

| | |
|---|---------|
| Area (Acres) | 13,436 |
| Population (Census 1931) | 17,720 |
| „ mid-year (Registrar-General) 1939 ... | 17,700 |
| Average population appropriate to the calculation of death-rates (1939) ... | 17,600 |
| Number of inhabited houses (end of 1939) according to Rate Books ... | 4,958 |
| Rateable value 1939 | £68,636 |
| Sum represented by a Penny-rate 1939 | £255 |

SOCIAL CONDITIONS.

These have been described in previous reports.

VITAL STATISTICS.

| BIRTHS. | Total. | M. | F. | |
|-------------------------|--------|-----|-----|---|
| Live Births:—Legitimate | 275 | 145 | 130 | { Birth-rate per 1,000 of the estimated resident population 16.2 |
| Illegitimate | 12 | 8 | 4 | |
| Stillbirths | 11 | 6 | 5 | { Rate per 1,000 total (live and still) births 37.0 |
| | Total. | M. | F. | |
| DEATHS. | 182 | 100 | 82 | { Death-rate per 1,000 of the estimated resident population 10.3. |

Death-rate corrected by comparability factor, 11.8.

Deaths from puerperal causes (Heading 29 and 30 of the Registrar-General's Short List):—

| | Deaths | Rate per 1,000 total (live and still) births |
|-------------------------------|--------|--|
| No. 29 Puerperal Sepsis ... | — | — |
| No. 30 Other puerperal causes | 1 | 3.35 |
| Total ... | 1 | 3.35 |

DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE:—

| | | | |
|---|-----|-----|------|
| All infants per 1,000 live births | ... | ... | 27.9 |
| Legitimate infants per 1,000 legitimate live births | | | 29.4 |
| Illegitimate infants per 1,000 illegitimate live births | | | — |

Deaths from :—

| | | | | | |
|-----------------------------------|-----|-----|-----|-----|----|
| Measles (all ages) | ... | ... | ... | ... | — |
| Whooping Cough (all ages) | ... | ... | ... | ... | 1 |
| Diarrhœa (under two years of age) | ... | ... | ... | ... | — |
| Cancer (all ages) | ... | ... | ... | ... | 23 |

The health of the district during 1939 has been remarkably good. The Infantile death-rate of 27.9 is the lowest ever recorded in Clowne. In 1933 this was as low as 29, but of recent years it has been usually in the vicinity of 40.

From the table it will be noted that the Infantile death-rate for England and Wales is 50.

The Crude death-rate of 10.3 has remained fairly constant during the last ten years, but the Birth-rate has been gradually falling in this district. In 1930 it was 19.06, and this year it is 16.2.

Birth-rate, Death-rate and Analysis of Mortality during the year 1939.

| | Birth Rate per 1,000 Total Population | | ANNUAL DEATH-RATE PER 1,000 POPULATION | | | | | | | | | | Rate per 1000 Live Births | |
|--|--|-----------------|--|---------------|-----------|---------|---------------|----------------|------------|-----------|----------|--|------------------------------------|--|
| | Live Births | Still Births | All causes | Enteric Fever | Small-pox | Measles | Scarlet Fever | Whooping-cough | Diphtheria | Influenza | Violence | Diarrhoea and Enteritis, under 2 years | Total deaths under 1 year | |
| England and Wales | 15.0 | 0.59 | 12.1 | 0.00 | — | 0.01 | 0.01 | 0.03 | 0.05 | 0.21 | — | 4.6 | 50 | |
| 126 County Boroughs & Great Towns, including London ... | 14.8 | 0.59 | 12.0 | 0.00 | — | 0.01 | 0.00 | 0.03 | 0.05 | 0.19 | — | 6.3 | 53 | |
| 148 Smaller Towns (1931 adjusted Populations 25,000—50,000) | 15.6 | 0.57 | 11.2 | 0.00 | — | 0.01 | 0.00 | 0.02 | 0.04 | 0.20 | — | 3.0 | 40 | |
| London | 12.3 | 0.44 | 11.9 | 0.00 | — | 0.00 | 0.00 | 0.03 | 0.02 | 0.18 | — | 8.2 | 48 | |
| CLOWN R.D. | 16.2 | 0.62 | 11.8 | 0.00 | — | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | — | 0.0 | 27 | |

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

No changes or developments have been made in connection with laboratory facilities. The number of types of specimens dealt with by the County Laboratories were as follows :—

| | | | | | Positive. | Negative. | Total. |
|---|-----|-----|-----|-----|-----------|-----------|--------|
| Diphtheria | ... | ... | ... | ... | 15 | 92 | 107 |
| Phthisis | ... | ... | ... | ... | 3 | 15 | 18 |
| Milk for Tubercle Bacilli Inoculation Test :— | | | | | | | |
| „ Routine Samples | ... | ... | | | — | 3 | 3 |
| Miscellaneous | ... | ... | ... | | 1 | 2 | 3 |
| Water | ... | ... | ... | | — | 4 | 4 |
| | | | | | 19 | 116 | 135 |

Ambulance Facilities.

The ambulance services provided are adequate for the needs of the district and the following are available :—

(a) For Infectious Cases :—

Ambulances are provided by the North-east Derbyshire Isolation Hospitals.

(b) For Non-infectious cases :—

For non-infectious and accident cases the Bolsover Colliery Co. have an Ambulance at Creswell, which can be used for any of the villages in the Clown Rural District by the payment of a small fee. The Shire-oaks Colliery Co. have also an ambulance at Whitwell which can be used if necessary without cost ; and there is also a Red Cross Ambulance available at Gilbert's Garage, Creswell. (Telephone, Creswell 214.)

(c) For Maternity Cases :—

The above ambulances for non-infectious cases are also used for maternity patients.

SANITARY CIRCUMSTANCES OF THE AREA.

No action has been taken by the County Council in pursuance of Section 57 of the Local Government Act, 1929, or Section 307 or 320 of the Public Health Act, 1936.

Water.

The Manton Colliery water which supplies this area continues to give satisfaction, the supply is abundant and the quality is good.

Samples for bacteriological examination have been taken regularly, with satisfactory results.

The total hardness of the water is 18.2 degrees of which 8.4 is temporary and 9.8 permanent.

The following main has been extended :—

100 yards 2in. cast iron main at Boughton Lane, Clowne.

Drainage and Sewerage.

The Whitwell Sewage Works have been modernised, the work being completed during August.

The following sewers have been laid :—

90 Yards 9in. Sewer at Barlborough.

110 Yards 6in. Sewer at Hollin Hill, Clowne.

Closet Accommodation.

| | | | | No. in use at end of 1939. |
|---------------|-----|-----|-----|-------------------------------|
| Water Closets | ... | ... | ... | 3,550 |
| Pail Closets | ... | ... | ... | 730 |
| Privy Middens | ... | ... | ... | 661 |

Conversions to Water Closets during 1939.

| | | | | |
|---------------|-----|-----|-----|-----|
| Privy Middens | ... | ... | ... | 147 |
| Pail Closets | ... | ... | ... | 109 |

Public Cleansing.

During the year the freighters have covered a distance of 22,898 miles in the execution of their duties in connection with the scavenging of the District and removed 2,105 loads of refuse.

Shops and Offices.

312 visits were paid to shops and offices by the Sanitary Inspector and his staff. No action was taken under the provisions of the Shops Act, 1934, and the Public Health Act, 1936.

Camping Sites.

No licences have been issued by this Council under Sec. 269 of the Public Health Act, 1936, and no sites have been used for camping purposes during 1939.

Smoke Abatement.

No action has been taken under this heading and there has been no need for any co-operative action with industry.

Eradication of Bed Bugs.

Number of houses found to be infested and subsequently disinfected.

| | | |
|-------------------|-----|---|
| a. Council Houses | ... | 6 |
| b. Other Houses | ... | 3 |

Full particulars of the method used, &c., for the eradication of bed bugs was fully given in my report for last year.

HOUSING.

Number of new houses erected during 1939 :—

| | | | | |
|---------------------------|-----|-----|-----|----------|
| (a) By Local Authority | ... | ... | ... | 10 |
| (b) By Private Enterprise | ... | ... | ... | 39 |
| | | | | <hr/> 49 |

The slum clearance plans of the Council have been practically completed, although there are still some houses in the parish of Clown which need extensive repairs to bring them up to a proper standard, notably in the vicinity of John Street, and also West Lea Cottages off Boughton Lane.

Owing to the war and the difficulty of getting material, it is not easy to have repairs carried out as no landlord is allowed to spend more than £5 in material.

Inspection of Dwelling-houses during the year :—

| | |
|--|----|
| Total number of dwelling-houses inspected for housing defects under (a) Public Health and (b) Housing Acts | 47 |
| Number of inspections made for this purpose | 78 |
| Number of unfit dwelling-houses remaining upon which Demolition Orders have been made | 3 |
| Number of defective dwellings rendered fit in consequence of informal action by the Local Authority | 9 |
| Number of Statutory Notices which were served by the Authority to repair dwelling-houses | 4 |
| Number rendered fit after the service of such Statutory notices. | 4 |

FACTORIES, WORKSHOPS AND WORKPLACES.

No notices were served under the above acts during the year.

INSPECTION & SUPERVISION OF FOOD.

Milk Supply.

There have been no complaints with regard to the wholesomeness of the milk produced within or brought into the district.

There are 74 cowsheds, dairies and milkshops, and 137 visits were paid by the Sanitary Inspector and his staff.

Meat Supply.

There are 33 Slaughterhouses in the area, and 1,881 visits were paid to Slaughter-houses and Butcher's shops.

Cases of Infectious Disease notified during the year 1939.

| Notifiable Disease | At all Ages | Number of Cases notified | | | | | | | | | | Total Cases notified in each Parish of the District | | | | Total Cases removed to Hospital | Total Deaths | | | |
|-----------------------------|-------------|--------------------------|--------|--------|--------|--------|---------|----------|----------|----------|----------|---|-------|----------|----------|---------------------------------|--------------|----------|--------------|-----|
| | | At Ages—years | | | | | | | | | | Barlborough | Clown | Creswell | Whitwell | | | | | |
| | | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 35 | 35 to 45 | | | | | | | 45 to 65 | 65 & upwards | |
| Small-pox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cholera | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Plague | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria | 20 | ... | ... | ... | ... | ... | 8 | 6 | 3 | 2 | 1 | 1 | 7 | 3 | ... | ... | ... | 4 | ... | ... |
| Erysipelas | 13 | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... |
| Scarlet Fever | 24 | ... | ... | ... | 1 | 1 | 14 | 1 | 3 | 3 | ... | ... | 1 | ... | ... | ... | ... | 6 | ... | ... |
| Malaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | ... | ... |
| Enteric Fever | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... |
| Encephalitis Lethargica | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Pyrexia | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| Ophthalmia Neonatorum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Polio-myelitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pulmonary Tuberculosis | 8 | ... | ... | ... | ... | ... | ... | ... | 1 | 4 | ... | 3 | ... | ... | ... | ... | ... | 2 | ... | ... |
| Other forms of Tuberculosis | 6 | ... | 1 | 2 | 1 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | ... |
| Pneumonia | 19 | ... | 3 | 1 | 2 | 1 | ... | 2 | ... | 3 | 3 | 4 | ... | ... | ... | ... | ... | 2 | ... | ... |
| Cerebro-spinal Fever | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dysentery | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... |
| Measles | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Totals | 96 | 3 | 2 | 6 | 4 | 22 | 9 | 10 | 14 | 5 | 18 | 3 | 3 | 11 | 32 | 26 | 27 | 42 | 18 | |

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Scarlet Fever.

24 notifications were received.

From the table it will be noted that the disease was most prevalent at Creswell. There were no deaths. 19 cases were removed to hospital.

Diphtheria.

All the 20 cases notified were removed to hospital.

No Clinics for Schick testing and immunization have been started in the district.

Antitoxin is supplied free to the Medical Practitioners, and in all cases it is given promptly.

Encephalitis Lethargica.

In May one notification of this disease was received from Creswell.

Typhoid Fever.

One case of para-typhoid B. was received from the Sheffield Royal Hospital. The man, who lived at Whitwell, made a good recovery.

Cerebral Spinal Fever.

One notification was received from Spink Hill, and the patient admitted into the Sheffield Royal Hospital. No further cases developed.

Pneumonia.

19 cases were notified. Facilities for the typing of pneumococci and for provision of appropriate type sera are available at the County Laboratory, Derby.

Measles.

Only one notification was received as this disease was not made notifiable until towards the end of the year. No action has been taken in regard to the use of measles serum for prophylaxis or attenuation.

Whooping Cough.

This disease also was only made notifiable towards the end of the year. Only one notification was received

Tuberculosis.

The following table gives particulars of new cases of tuberculosis and of all deaths from this disease during the year :—

| Age Periods | | | NEW CASES | | | | DEATHS | | | |
|----------------|-----|-----|-----------|----|---------------|----|-----------|----|---------------|----|
| | | | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | | | | | | | | | | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. |
| 0 | ... | ... | | | | | | | | |
| 1 | ... | ... | | | 1 | 3 | | | | |
| 5 | ... | ... | | | | | | | | |
| 10 | ... | ... | | | | | | | | |
| 15 | ... | ... | | 1 | 1 | 1 | | 1 | | |
| 20 | ... | ... | 1 | 1 | | | | 1 | | 1 |
| 25 | ... | ... | 1 | 1 | | | | 1 | 1 | |
| 35 | ... | ... | | | | | | 2 | | |
| 45 | ... | ... | 1 | 1 | | | 2 | | | |
| 55 | ... | ... | 1 | | | | 1 | | | |
| 65 and upwards | | | | | | | | | | |
| Totals | ... | | 4 | 4 | 2 | 4 | 3 | 5 | 1 | 1 |

The phthisis death-rate is 0.45 per 1,000 of the population.

No action has been taken during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

No deaths from Phthisis occurred, which had not previously been notified.

ANNUAL REPORT OF SANITARY INSPECTOR.

Name of Inspector, W. J. Gallagher.

Area of district, 13,436 acres.

Estimated number of houses, 4,958.

New houses erected 1939 : (a) By Local Authority—10.

(b) By private enterprise—39.

| | Number of Inspections made by Sanitary Inspector | Number of Informal Notices served by Sanitary Inspector | Number of Legal Notices served by Local Authority | Number of Nuisances abated with or without Notice |
|---|--|--|--|---|
| CLOSETS AND ASHPITS : | | | | |
| Defective privies, pail closets & ashpits (not for conversion) | 306 | 89 | — | 289 |
| Conversion of privies into w.c's | 362 | 117 | — | 147 |
| Conversion of pail closets into w.c's | 187 | 84 | — | 109 |
| Conversion of privies into pail closets | — | — | — | — |
| Defective water closets ... | 49 | 44 | — | 44 |
| Provision of additional w.c's | — | — | — | — |
| Provision of portable ashbins | 385 | 261 | — | 261 |
| Dirty closets | 12 | 12 | — | 12 |
| DRAINAGE : | | | | |
| No disconnection of waste pipe | 12 | 12 | — | 12 |
| Defective waste pipes, traps, inlets and drains | 37 | 37 | — | 34 |
| Drains obstructed | 73 | 61 | — | 73 |
| OTHER DEFECTS : | | | | |
| Paving of courts and yards ... | 8 | 2 | — | 8 |
| Roofs, eaves spouts and down spouts | 93 | 41 | — | 87 |
| Sinks | 18 | 7 | — | 14 |
| Insufficient ventilation ... | 24 | 10 | — | 10 |

| | | | | Number of Inspections made by Sanitary Inspector | Number of Informal Notices served by Sanitary Inspector | Number of Legal Notices served by Local Authority | Number of Nuisances abated with or without Notice. |
|-------------------------------|-----|-----|-----|--|--|--|--|
| OTHER DEFECTS—Continued. | | | | | | | |
| Windows | ... | ... | ... | 26 | 10 | — | 10 |
| Dampness | ... | ... | ... | 6 | 2 | — | 5 |
| Water in cellars | ... | ... | ... | 1 | 1 | — | 1 |
| Water supply | ... | ... | ... | — | — | — | — |
| Over-crowding | ... | ... | ... | — | — | — | — |
| Foul condition of houses | ... | ... | ... | — | — | — | — |
| Offensive accumulations | ... | ... | ... | 2 | — | — | 2 |
| Animals improperly kept | ... | ... | ... | — | — | — | — |
| Pigsties | ... | ... | ... | 3 | — | — | 3 |
| Smoke Nuisances | ... | ... | ... | — | — | — | — |
| Urinals | ... | ... | ... | — | — | — | — |
| Nuisances not specified above | ... | ... | ... | — | — | — | — |
| Totals | | | | 1,604 | 790 | | 1,121 |

| | | | | Number on Register | Inspections made | Notices served | Nuisances abated with or without Notice |
|--------------------------------|-----|-----|-----|--------------------------|---------------------|-------------------|--|
| Dairies Cowsheds and Milkshops | | | | 74 | 137 | 2 | 2 |
| Bakehouses | ... | ... | ... | 9 | 25 | — | — |
| Slaughter-houses | ... | ... | ... | 33 | 1,881 | 3 | 3 |
| Offensive Trades | ... | ... | ... | — | — | — | — |
| Common Lodging-houses | ... | ... | ... | — | — | — | — |
| Totals | | | | 116 | 2,043 | 5 | 5 |

MILK & DAIRIES (CONSOLIDATION) ACT, 1915.**MILK & DAIRIES (AMENDMENT) ACT, 1922.****MILK & DAIRIES ORDER, 1926.**

| | | |
|--------------------------------------|-----|----|
| Total number of Cowsheds in District | ... | 74 |
| Total number of Farms in District | ... | 87 |

WORK DONE DURING 1939**Number of Cowsheds—**

| | | | | | |
|---|-----|-----|-----|-----|----|
| 1. Newly built | ... | ... | ... | ... | — |
| 2. Entirely remodelled internally | ... | ... | ... | ... | — |
| 3. Not now used for milk beasts | ... | ... | ... | ... | — |
| 4. Where new floors were laid | ... | ... | ... | ... | 3 |
| 5. Where floors were repaired | ... | ... | ... | ... | 2 |
| 6. Where feeding troughs repaired or provided | ... | ... | ... | ... | 3 |
| 7. Where lighting and ventilation were improved | ... | ... | ... | ... | 4 |
| 8. Where lofts were removed | .. | ... | ... | ... | — |
| 9. Where loft floors were improved | ... | ... | ... | ... | — |
| 10. Where drain inlets were removed to outside | ... | ... | ... | ... | 3 |
| 11. Where drainage was provided | ... | ... | ... | ... | 3 |
| 12. Where walls were rendered in cement | ... | ... | ... | ... | — |
| 13. Where standings were paved | ... | ... | ... | ... | — |
| 14. Where approach paving was repaired | ... | ... | ... | ... | — |
| 15. Which were cleaned up | ... | ... | ... | ... | 26 |
| 16. Where manure dump was removed | ... | ... | ... | ... | 2 |
| 17. Where manure dump was improved | ... | ... | ... | ... | — |
| 18. Where work is completed | ... | ... | ... | ... | 4 |
| 19. Where work is in progress | ... | ... | ... | ... | — |

Number of Farms—

| | | | | |
|-----------------------------------|-----|-----|-----|---|
| 1. Where new dairies were built | ... | ... | ... | — |
| 2. Where dairies were improved | ... | ... | ... | — |
| 3. Where cow-keeping was given up | ... | ... | ... | — |

W. J. GALLAGHER,

Sanitary Inspector.

